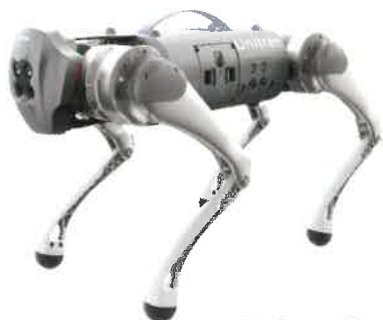




The Z1 Robotic Arm

- Compact and Light Weight
- Dexterous and Flexible
- Impressive Payload
- Good Accuracy
- Support Joint Force Control
- Collision Protection
- Mounts on AlienGo and B1
- Synergy in Robotics

Unitree
Robotics



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Robotics

**Intelligent Robots
That Work!**



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Stokes Educational Services
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AlienGo

- Twice the size of Go1
- High Level Sports Performance
- Skeleton Recognition
- Gesture Recognition
- Over 20 lb. Payload
- Depth Vision
- 3D Environment Construction
- Probability Map
- Dynamic Object Perception
- Loop Detection
- Visual SLAM - Using Visual SLAM the robot leverages its 3D vision to perform location and mapping functions.



B1

- Water Proof
- Dust Proof
- Depth Camera
- 3 Ultrasonic Sensors
- Walking Speed over 4 mph
- Foot End Force Sensor
- High Standing Payload (Over 170 lbs.)
- Large Walking Payload (Over 85 lbs.)
- Max Stair Climb height of over 7.5 inches per stair
- Max Slope Climb of over 35 degrees
- Wireless Vector Positioning
- Endurance time over 4 hours
- 4G and 5G Wireless Network Communications
- Autonomous Charging
- Security Mounting Platform
- Police Mounting Platform





Go1 PS

Perfect for Middle School and Lower High School.

This model includes:

- Human Recognition
- Intelligent Side Follow
- Full-view Coverage
- Five Cameras
- AI Processing (Non Programmable)
- 3 Hypersonic Sensors
- Object Avoidance
- Max Speed over 10 mph
- Strong and Reliable Power System
- 10 lb. carrying capacity

Curriculum units include:

- Intro to Quadrupeds
- Robot Agility and Recovery
- Autonomous Control
- Introductory Python Programming
- Capturing Video from Robot
- Adding Features to Quadruped Robot
- Carrying Loads with Quadruped Robot

Go1 CP

Appropriate for upper high school, career and technology centers, colleges and universities. This model includes all the features of the Go1 PS plus:

- Multiple ports for input and output devices
- Research API
- C++ API
- 4G and 5G
- Foot Force Sensor
- Multi-function Extension Interface

Curriculum units include:

- Intro to Quadruped Robotics
- Quadruped Robotics for Security
- Quadruped Robotics for Logistics
- Programming in C++ with Robot SDK
- Programming Robots in Python
- Commercial Application
- Adding Input and Output Devices
- Carrying Payloads
- Wireless Communication with Robot



Go1 Ai

Appropriate for upper high school, career and technology centers, colleges and universities. This model includes all the features of the Go1 PS and Go1 CP plus:

- Optional Lidar
 - Dynamic obstacle avoidance
 - Navigation planning
 - Map construction
- Optional Artificial Intelligence Module
 - Gesture Recognition
 - Skeletal Recognition
 - Visual SLAM
 - Programmable AI

Using Visual SLAM the robot leverages its 3D vision to perform location and mapping functions.

Curriculum units in addition to CP titles include:

- Intro to Artificial Intelligence
- Introduction to Lidar and Mapping

